

## brace terminal (01759)



The picture may show a similar product.

### Description

Part No.: **01759**000

CRITO<sup>®</sup>

brace terminal

32 x 20

for busbars 20, 25, 30 x 5, 10 and section busbars

### System

60Classic, centre feed unit, 100Energy

### Advantages of the product

also rigid copper busbars can be connected if they are installed without mechanical tension

Product group 07

Subgroup 25

pack size 3

EAN 4021267017590

ECLASS 6.1 27141146  
ECLASS 7.1 27141146  
ETIM 4.0 EC000001  
ETIM 5.0 EC000001

## Approvals

### Standards

IEC 61439-1:2020  
IEC 60999-1:1999  
IEC 60999-2:2003  
UL 508

### Approvals

CSA , UL , DNV GL



type number: 530

UL file: E123577, UL category (for USA): NMTR2 <https://www.ul.com>  
UL file: E123577, UL category (for Canada): NMTR8 <https://www.ul.com>  
CSA file: 110285, CSA class: 3211-37 <https://directories.csa-international.org>  
CCC approval: no certification required

## Technical data

### Details IEC

#### Standards

IEC 61439-1:2020  
IEC 60999-1:1999  
IEC 60999-2:2003

#### Electrical data IEC

Rated current (IEC): 550 A  
rated voltage (IEC) AC: 690 V

rated peak withstand current  $I_{pk}$  max.: 80.9 kA

## Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

max. permitted voltage (IEC) AC:	1000 V
max. permitted voltage (IEC) DC:	1500 V
current carrying capacity for centre feed:	800 A
current capacity (IEC) max.:	800 A

## Details UL

### Standards

UL 508

### Electrical data UL

rated current (UL):	800 A
rated voltage (UL) AC:	600 V
rated frequency (UL):	50 / 60 Hz

SCCR: 25 kA

### Mechanical data

W x H x D:	40 x 49 x 88
weight:	34.7 kg/100
for busbars:	20, 25, 30 x 5, 10 and section busbars

Klemmraum 32 x 25 mm

Anzugsdrehmoment 30 Nm

### Terminal points

Terminal space:	32 x 20
Md min.:	24.0 Nm
Md max.:	36.0 Nm

Not suitable for aluminium cables !

lam. Cu from 3 x 20 x 1 to 10 x 32 x 1

## Application notes

Not suitable for aluminium cables !

The insulation performance of the article depends on the installation conditions.

<https://pim.woehner.de/EN/EN/1000045649>